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Consumer price index for Canada - a comparison of the 1978 and the 1982 primary classification systems.



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Prices Division Division des prix

THE CONSUMER PRICE INDEX FOR CANADA

A COMPARISON OF THE 1978 AND

THE 1982 PRIMARY CLASSIFICATION SYSTEMS



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## The Consumer Price Index for Canada A Comparison of the 1978 and the 1982 Primary Classification System

## Introduction

The objective of this booklet is to assist the user of consumer price index information to compare the structure of the 1978 classification system with that of its successor, the 1982 classification system. For purposes of ease in presentation, we shall refer to the two systems as "Primary Classification Systems" or <u>PCS</u> for short.

The Primary Classification System associated with the Consumer Price Index (CPI) provides the essential framework or hierarchical structure and, in a sense, the specification of the CPI model, for the collection of information, the processing and compiling of that information, and the presentation and analysis of the results.

Because of its central role in the CPI, it is imperative that producers and users of CPI information be fully acquainted with this structure. The reference to "Primary" is deliberate and is intended to make the distinction between this and other ways of breaking down and presenting the contents of the CPI basket. The All-items index, for instance, may be broken down and presented by Goods and Services. It may also be compiled by such mutually exclusive groups as Energy and All-items excluding Energy.

All such systems provide some additional analytical insights into sources and origins of price changes but they are not equal in terms of the scope and details provided by the primary classification system.

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International standards or guidelines regarding the classification of consumer goods and services for purposes of the CPI appear to be largely non-existent. The present state of the art is largely the outcome of CPI compilers working in close collaboration with those who undertake consumer or family expenditure surveys. In more recent years, Statistics Canada has been gradually shifting to a greater degree of standardization in this area. As a result, the 1982 PCS reflects to a greater degree this effort towards standardization compared to the 1978 PCS. This has caused some relatively major dislocations in the 1978 PCS although the major component indexes such as Food, Housing, Clothing, etc. have remained more or less unchanged. As a result of the developments underlying the 1982 PCS, it is expected that the Classification System will remain reasonably stable in the future.

In this brief introduction, it is not possible to fully rationalize the changes associated with the 1982 PCS. In general, however, the 1982 PCS provides a greater amount of breakdown and/or details to enrich the analytical usefulness of some of the aggregates found in the 1978 PCS e.g. the breakdown under <a href="Household appliances">Household appliances</a> (1982) is shown under the end-use served by such appliances. In some instances, new aggregates are produced where their components remained disaggregated in the 1978 PCS e.g. <a href="Coffee">Coffee</a> is a new aggregate combining <a href="Roasted or ground coffee">Roasted or ground coffee</a> and <a href="Instant coffee">Instant coffee</a> and other <a href="Coffee">coffee</a>. In a number of cases, aggregates are created to group commodity indexes into analytically useful entities e.g. <a href="Alcoholic beverages purchased from stores">Alcoholic beverages purchased from stores</a> as distinct from <a href="Alcoholic drinks served">Alcoholic beverages purchased from stores</a> as distinct from <a href="Alcoholic drinks served">Alcoholic beverages purchased from stores</a> as distinct from <a href="Alcoholic drinks served">Alcoholic beverages purchased from stores</a> as a distinct from <a href="Alcoholic drinks served">Alcoholic beverages</a> purchased from stores</a> as distinct from <a href="Alcoholic drinks served">Alcoholic drinks served</a> in licensed premises. In other cases, sub-aggregates are shifted into other higher level aggregates causing major changes in the definition and structure of the latter e.g. <a href="Material drinks">Water</a>, fuel and electricity is part of <a href="Shelter">Shelter</a> (1982). In selected instances, aggregates are juxtaposed and placed closer to each other for conceptual symmetry, if not completion e.g. <a href="Rental of automotive vehicles">Rental of automotive vehicles</a> comes after <a href="Purchase of automotive vehicles">Purchase of automotive vehicles</a>. In other cases, titles and names change but

definitions remain unchanged e.g. Local and commuter transit (1978) to Street car, city bus and subway (1982). In general, such name changes are introduced for greater clarity. In some other cases, names remain unchanged but definitions change significantly e.g. Shelter (1978) and Shelter (1982); Pork (1978) and Pork (1982). In some instances, completely new commodities and aggregates are introduced in the 1982 PCS. e.g. Seafood with its component Smoked oysters and other seafood. At the same time, some commodities are terminated with the 1978 PCS e.g. Sewing machines.

Some of these changes may be justified on grounds of changes in consumer perception as well as changes in the outlook and nomenclature in the market place. Changes in production technology as well as changes in the institutions relating to the distribution of consumer goods and services also have had some implicit or explicit influence on the changes reflected in the 1982 PCS.

A brief word needs to be stated on the format of the presentation. The aim is to move from the familiar (i.e. the 1978 PCS) to the new (i.e. the 1982 PCS). As a result, the order of the presentation as published in <a href="The Consumer Price Index Reference Paper">The Concepts and Procedures</a>, Updating Based on 1978 Expenditures, Catalogue 62-553, Appendix III is disturbed minimally. This implies that the order of the 1982 PCS may be dislocated unavoidably in some instances. Nevertheless, the essential information relating to the structure and unity of the aggregates in the 1982 PCS is preserved as far as possible in the presentation.

In general, the presentation format distinguishes commodity or item indexes from aggregates and groups by a system of indentation. It is a simple matter to determine the status level of an aggregate index by its relative degree of indentation shown in the neighbourhood of its location. The further left the title occurs the higher the rank of the index in the aggregation hierarchy.



In general, a commodity or item index in the 1982 PCS is placed on the same line with its 1978 counterpart. Such indexes are deemed "matchable" or fully comparable in content and definition. No comments are necessary in such cases. In like manner, most indexes with titles starting with "Other ..." or "All other ..." are residual by definition. Their price movements are imputed from other related commodities whose price movements are observed. These are removed altogether from the following comparison of the 1978 PCS and the 1982 PCS since they neither add nor detract from the essential points of comparison.

In comparing aggregates, or group indexes, there are basically two outcomes. Firstly, the 1982 aggregate may be identical in definition, or differ marginally from its 1978 counterpart. In this case, the 1982 index is "linked" to the 1978 index to form a continuous time series. In the second case, the 1982 aggregate may be identified with the same title as its 1978 counter-part but owing to significant changes in its content or definition the 1982 index is to be "reconstructed". Usually this is a new index and the series is calculated backwards in time to provide some history. In such cases, the 1978 index may be "terminated" or may continue to be produced and made available as a "special aggregate". In determining whether or not the index should acquire a "special aggregate" status, consideration is given to such factors as the demand for the information and/or the analytical usefulness of the information.

Because of the ever-changing and dynamic nature of the consumer market in Canada, new goods and services are continually being introduced. These new products may be viewed as substitutes in which case they may be grouped with older established goods (e.g. microwave ovens and electric stoves) or they may acquire a place as a completely independent consumer expenditure item (e.g. electronic computer equipment). The 1982 PCS reflects some part of these changes. New goods (e.g. contact lenses, automatic dishwasher



detergents, fresh mushrooms etc.) are introduced in the 1982 PCS since such products are now associated with specific, separate and therefore identifiable expenditure information. At the same time, some goods (e.g. fresh strawberries, electric irons, black and white television sets, dress fabrics, etc.) are being discontinued in the price survey and have consequently not been included in the 1982 PCS. There are two principal reasons for this. Firstly, expenditure weights for such goods have become small and negligible and, in some instances, inseparable from other related expenditure categories. Secondly, such goods have disappeared or appeared in such an infrequent and haphazard manner in the market place that they lead to serious discontinuity problems in the price collection operation. In the presentation which follows, the new and deleted commodities are merely identified.

The use of numbers in the notes to refer to titles is to ensure conciseness and brevity.

## REFERENCE DOCUMENTS

- 1) The Consumer Price Index Reference Paper, Concepts and Procedures, Updating Based on 1978 Expenditures, Catalogue 62-553, Occasional.
- 2) The Consumer Price Index, Reference Paper Updating Based on 1982 Expenditures, Catalogue 62-553, Occasional.
- 3) Family Expenditure in Canada Vol. 2, 1978, Catalogue 62-550, Occasional.



- 4) Family Food Expenditure in Canada, 1982, Catalogue 62-554, Occasional.
- 5) Family Expenditure in Canada, 1982, Catalogue 62-555, Occasional.
- 6) Various internal documents relating to the production of the CPI in terms of the 1982 PCS.

Further information on this and other aspects of the 1982 Updating of the CPI may be obtained by writing to:

The Information and Current Analysis Unit Consumer Prices Section Prices Division Statistics Canada Ottawa, Ontario K1A OT6

or by calling: 613-990-9606 or 613-990-9607



 Primary Classification System (1978 PCS) 1982 Primary Classification System (1982 PCS) ems(1)All-items(2)otes: (2) is considered equivalent to (1) by concept, definition, coverage, methods and ources. As a result (1) is linkable to (2) to form a continuous time series from January 714. The 1982 Updating marks the tenth occassion in which weights are replaced to make Ne CPI basket more timely and relevant. The breakdown under (1) and (2) in terms of ajor component indexes has remained more or less intact. There are, however, some gnificant shifts in definition in some sub-group indexes shown under (2) compared to Food(2) 1(1) ites: This major component index has remained unchanged by definition making (2) linkable o (1). (2) reflects some major shifts at the sub-aggregate level both in terms of finition and the order of presentation. Food purchased from stores(1) Food purchased from stores (including non-alcoholic beverages) (2) otes: (2) is similar by definition to (1) and is therefore linkable to (1). The addition the title of (2) if for purposes of clarity. Meat, poultry and fish(1)Meat (2) Fresh or frozen meat (except poultry) (5) Fresh or frozen poultry meat(3) Cured meat Meat preparations and ready-cooked Canned meat and meat preparations Fish(4)

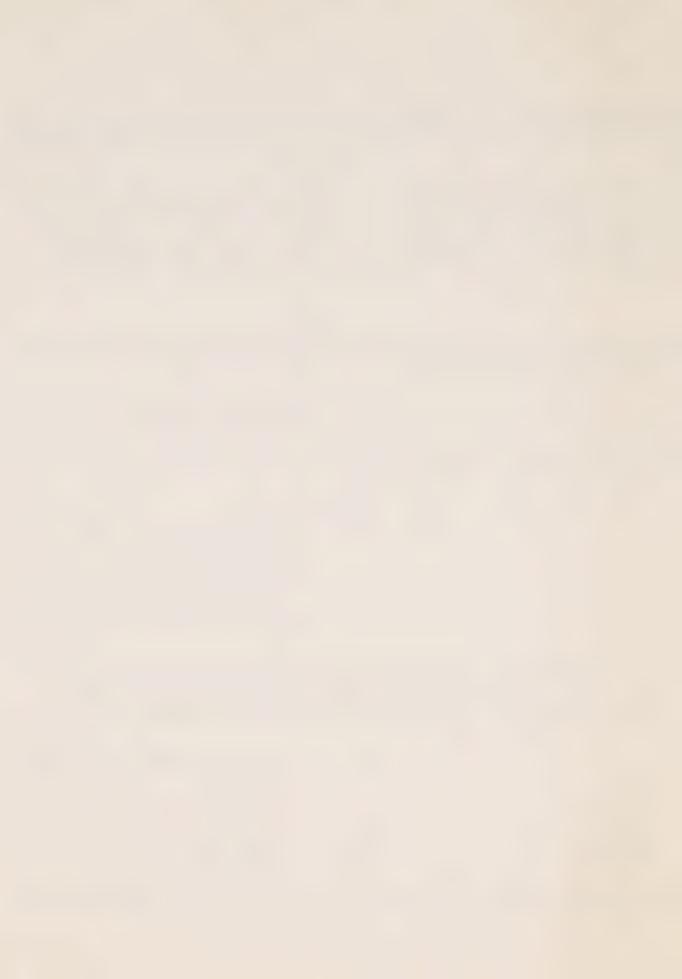
thes: (1) is not available in the 1982 PCS. Its components are represented by (2) and in the 1982 PCS. (3) is regarded as a component of (2) in 1982 but was treated independently of (2) in the 1978 special aggregates. As a result (2) is new and is econstructed historically. (1) will be available as a special aggregate. (5) is a new ub-aggregate and is reconstructed.

Beef (1)
Hip cuts
Loin cuts
Rib cuts
Shoulder cuts
Stewing beef
Ground beef

Fresh or frozen meat (except poultry)
Beef (2)
Hip cuts
Loin cuts
Rib cuts
Chuck cuts
Stewing beef

Ground beef

ites: The matching components are the same for (1) and for (2). As a result (2) is equal definition to (1) and thus, linkable to (1).



Primary Classification System	1982 Primary Classification System
Pork(1)	Pork(2)
Bacon( <sup>3</sup> ) Smoked leg cuts( <sup>4</sup> ) Loin cuts Shoulder cuts Sausages( <sup>5</sup> )	Loin cuts Shoulder cuts
) is a new aggregate as a result of the si	classified under Cured meat (1982). (5) is
Other meat(1)	
Veal	Veal(2)
Lamb	Lamb and mutton(3)
Liver	Offal from mammals( <sup>4</sup> ) Liver
	Cured meat(5)
	Bacon(6) Ham, smoked picnic roasts, cottage rolls and butts(7)
	Meat preparations and ready-cooked meat(8)
Wieners	Uncooked sausage( <sup>9</sup> ) Wieners
Other cooked meat	Sliced cooked meat and other ready- cooked meat
Canned meat	Canned meat and meat preparations(10) Meat stews(11)

tes: (1) ceases to exist in the 1982 PCS but will be available as a special aggregate.

2) and (3) acquire separate statuses. (4), (5), (8) and (10) are new aggregates and are econstructed historically. (6), (7) and (9) were classed under Pork in the 1978 PCS.

11) is taken from Prepared and partially-prepared main dishes of the 1978 PCS.

Luncheon meat and other meat and

meat preparations



Primary Classification System	1982 Primary Classification System
ultry( <sup>1</sup> ) Chicken Turkey	Fresh or frozen poultry meat( <sup>2</sup> ) Chicken Turkey
ces: (2) is identical in definition to (1	) and therefore linkable to (1).
sh( <sup>1</sup> )	Fish(2)
resh/frozen/smoked fish	Fresh or frozen whole or filleted fish, fish steaks(3) Cod(9) Flounder and sole(10) Haddock(11)
Canned salmon Canned tuna	Canned fish( <sup>4</sup> ) Salmon Tuna Sardines and other canned fish( <sup>5</sup> )
	Pre-cooked frozen fish portions(6)
Other canned fish and canned seafood	Seafood( <sup>7</sup> ) Shrimps and prawns Smoked oysters and other seafood( <sup>8</sup> )
tes: (2) is different from (1) by definit ), (4) and (6) are also new aggregates un t classified under (2). (5) and (8) are constructed. (9), (10) and (11) are new	
iry products and eggs(1)	Dairy products and eggs $(2)$
Dairy products( <sup>3</sup> ) Fresh fluid milk( <sup>5</sup> )	Dairy products(4) Fluid whole milk(6) Low-fat milk (2%) (7)
Butter Cheddar cheese Process cheese Cottage cheese  Powdered skim milk Evaporated milk Ice cream	Yogurt(8) Butter Cheddar cheese Process cheese Cottage cheese Mozzarella and other cheese(9) Skim milk powder Condensed or evaporated milk Ice cream and ice milk



Primary Classification System 1982 Primary Classification System tes: (2) is similar to (1) by definition. For the same reason (4) corresponds to (3) d (11) to (10). The aggregates (2), (4) and (11) in the 1982 PCS are therefore linked their 1978 PCS counterparts. (5) is broken out into (6) and (7). (8) and (9) are new mmodity indexes. real and bakery products(1) Bakery and other cereal products(2) Bakery products(3) Bakery products(4) Bread Bread Unsweetened rolls and buns(5)Crackers Crackers and crisp breads Cookies/biscuits Cookies and sweet biscuits Doughnuts Doughnuts Cereal products(6) Other cereal grains and cereal products(<sup>7</sup>)
Rice (including mixes) Rice Flour Wheat flour Prepared breakfast cereal Breakfast cereal Prepared cake and other flour-based Cake and other mixes mixes. Pasta products(8) Pasta products Dry or fresh pasta Pasta-based dishes(9) Pasta mixes (10) tes: (2) and (4) are deemed linkable to their 1978 PCS counterparts (1) and (3) spectively. (6) is not available in the 1982 PCS but will be produced as a special gregate. (7) and (8) are new aggregates and will be reconstructed. (5) is a new mmodity index. (10) is matched with (9) which was shifted from Prepared and partiallyepared main dishes in the 1978 PCS. uit and vegetables(1) Fruit (2) Fresh fruit (4) Fresh fruit (3) Apples Apples Bananas and plantains Bananas Grapefruit Grapefruit Oranges and other citrus fruit Oranges (except grapefruit, lemons and

Ites: (1) does not exist in the 1982 PCS but will be made available as a special agregate. (2) is a new aggregate which is reconstructed. (4) is linkable to (3) by smilarity in definition. (5) is discontinued.

Pears

Strawberries(5)

limes)

Pears



Primary Classification System	1982 Primary Classification System
rocessed fruit(1)	
Frozen fruit(2)	
	Dried, dehydrated or other preserved
Raisins	fruit( <sup>3</sup> ) Raisins
114131113	Fruit juice (except concentrated) (4
Canned apple juice	Apple juice (except concentrated)
Canned orange juice	Orange juice (except concentrated)
	Commented family injury (5)
Frozen orange juice	Concentrated fruit juice() Concentrated orange juice
1 102em of ange Juice	Concentrated orange justee
	Canned fruit and fruit
	preparations( <sup>6</sup> )
Canned peaches	Canned peaches
Canned pears (7)	
Canned fruit cocktail	Canned mixed fruit
Jam(8)	Jam, jelly and other preserves
es: (1), (2) and (7) are discontinue	ed. (3), (4), (5) and (6) are new and
	ner food purchased from stores in the 1978 PCS.
	Nuts(1)
	Peanuts, roasted or otherwise
	prepared(2)
es: (1) is a new aggregate with (2)	as the priced commodity index.
cs. (:) is a new aggregate with (2)	
	Vegetables(1)
resh vegetables(2)	Fresh vegetables(3)
Cabbage	Cabbage
Carrots Celery	Carrots Celery
Corn(4)	Celety
Cucumbers	Cucumbers
Lettuce	Lettuce
	Mushrooms(5)
Onions	Onions
Potatoes	Potatoes
Tomatoes	Tomatoes
Turnips(6)	
ces: (1) is a new aggregate and recor	nstructed. Despite some minor changes in definition
) is deemed linkable to (2). (4) and	d (6) are discontinued. (5) is a new commodity
dex.	1
Processed vegetables(1)	Frozen vegetables(2)
	Tozen vegetables(-)
Frozen beans(6)	
1 102em beans ( )	1



Primary Classification System	1982 Primary Classification System
Frozen corn Frozen peas Frozen french-fried potatoes	Frozen corn Frozen peas Frozen potato products Frozen mixed vegetables and other frozen vegetables( <sup>3</sup> ) Dried vegetables( <sup>4</sup> )
Canned baked beans Canned beans Canned corn Canned peas Canned tomatoes Canned vegetable juice	Canned vegetables and vegetable preparations( <sup>5</sup> ) Canned baked beans Canned green or wax beans Canned corn Canned peas Canned tomatoes (including paste) Canned tomato juice
tes: The aggregate (1) does not exist in the ecial aggregate. (2), (4) and (5) are new er (2) and (5). (3) is a new item index.	ne 1982 PCS. It is, however, available as a groups with the contents of (1) distributed (6) is discontinued.
Sugar and confections( <sup>1</sup> ) Sugar	Sugar and sugar preparations( <sup>2</sup> ) Sugar and syrup( <sup>3</sup> ) Sugar
Confections purchased from stores(6)	Sugar preparations (including confectionery) (4) Chocolate bars(5)
	ts definition has remained intact. (3) and nly observed commodity in (6) and retains the
Coffee and tea(1)  Regular coffee Instant coffee  Tea	Coffee and tea( <sup>2</sup> ) Coffee( <sup>3</sup> ) Roasted or ground coffee Instant coffee and other coffee
tes: (2) is linkable to (1) by virtue of s gregate which is reconstructed historicall	imilar definitions. (3) is regarded as a new y.
Fats and oils( <sup>1</sup> )  Margarine Shortening Salad/cooking oil Salad dressing( <sup>3</sup> )	Fats and oils( <sup>2</sup> )  Margarine Shortening Cooking/salad oil

tes: (2) is reconstructed because it is not strictly comparable with (1) which will be ailable as a special aggregate. (3) is shifted and grouped under <u>Condiments</u>, spices and <u>negar</u> in the 1982 PCS.



Primary Classification System	1982 Primary Classification System	
repared and partially-prepared main dishes(1)		
Meat dinners(2)		
Pasta-based dishes(3)		
Frozen meat or poultry pies/dinners(4)		
appears as Canned meat stews under Canne	t will be available as a special aggregate.  d meat and meat preparations (1982). (3) is gate. (4) is placed under Pre-cooked frozen	
ther food purchased from stores(1)	Condiments, spices and vinegar(3)	
Pickles Catsup and sauces	Pickles (including olives)  Ketchup	
Jam(2)	Canned spaghetti sauce and other sauces and sauce mixes	
Jam(*)	Mayonnaise and salad dressings	
Seasonings	Spices	
	Other foods, food preparation materials and food preparations(4) Soup(5)	
Soup	Canned soup	
Baby food	Infant or junior foods <sup>(6)</sup> Canned infant or junior foods	
Frozen cake	Pre-cooked frozen food  preparations( <sup>7</sup> )  Frozen dessert pies, cakes and  other pastries  Frozen meat or poultry pies( <sup>10</sup> )	
Honey Peanut Butter Fruit drink crystals	Other food preparations(8)  Honey Peanut butter Flavouring powders and crystals Food seasonings (except spices, but	
Canned puddings and dessert powders Snack food	including table salt) (11)  Jelly powders  Potato chips and similar products	



Primary Classification System 1982 Primary Classification System Non-alcoholic beverages (9) Soft drinks purchased from stores Carbonated beverages tes: (1) does not exist in the 1982 PCS. (2) is classified with Canned fruit and fruit eparations (1982). (3), (4), (5), (6), (7), (8), and (9) are new aggregates (1982) and thus reconstructed. (10) is shifted from Prepared and partially—prepared main dishes 978). (11) is a new priced commodity in the 1982 PCS. od purchased from restaurants(2) Food purchased from restaurants (including non-alcoholic beverages) (1) Breakfasts(3) unches (4) Dinners(5) Snacks (6) larry-out meals(') Food purchased from table-service restaurants(8) Breakfasts Lunches Dinners Food purchased from eat-in or drive-in fast-food restaurants(9) Lunches Food purchased from take-out or delivery fast-food restaurants(10) Dinners

ces: (1) is considered linkable to (2) by similarity in definition. (3), (4), (5), (6) (7) are not available in the 1982 PCS but will be available as special indexes. (8), and (10) with their associated components are new aggregate indexes.



Primary Classification System

1982 Primary Classification System

Housing(2)

tes: (2) is considered similar to (1) and is therefore linkable. This major component dex is comprised of three group indexes, two of which have undergone significant changes definition.

elter(1)

Rented accommodation(5)

Rent

Tenants' repairs and maintenance

Tenants' insurance premiums

Jwned accommodation(7)

Property taxes and special charges Homeowners' insurance premiums Homeowners' repairs and maintenance

Mortgage interest cost Replacement cost

usehold operation(<sup>8</sup>) Vater, fuel and electricity(<sup>10</sup>)

Water Fuel oil and other liquid fuel Piped and bottled gas Electricity Shelter(2)

Principal accommodation(3)
Rented accommodation(4)
Rent
Tenants' maintenance, repairs,
alterations and additions
Tenants' insurance premiums

Owned accommodation(6)
Property taxes
Homeowners' insurance premiums
Homeowners' maintenance, repairs,
and replacements
Mortgage interest cost
Replacement cost

Water, fuel and electricity for principal accommodation(9)
Water
Fuel oil and other liquid fuel
Piped gas
Electricity

Non-principal accommodation(11)
Traveller accommodation(12)
Hotels
Motels

tes: (2) is fundamentally different from (1) and is therefore reconstructed. The new lements of (2) are (9) and (11). (9) was grouped under Household operation (1978). This lift implies that (8) is different by definition from Household operation (1982). (12) is taken from Recreation (1978). (3) and (11) are new aggregates and are therefore pronstructed. The contents under (6) are ordered to match the order shown under (7). (6) to (7) and (9) to (10).

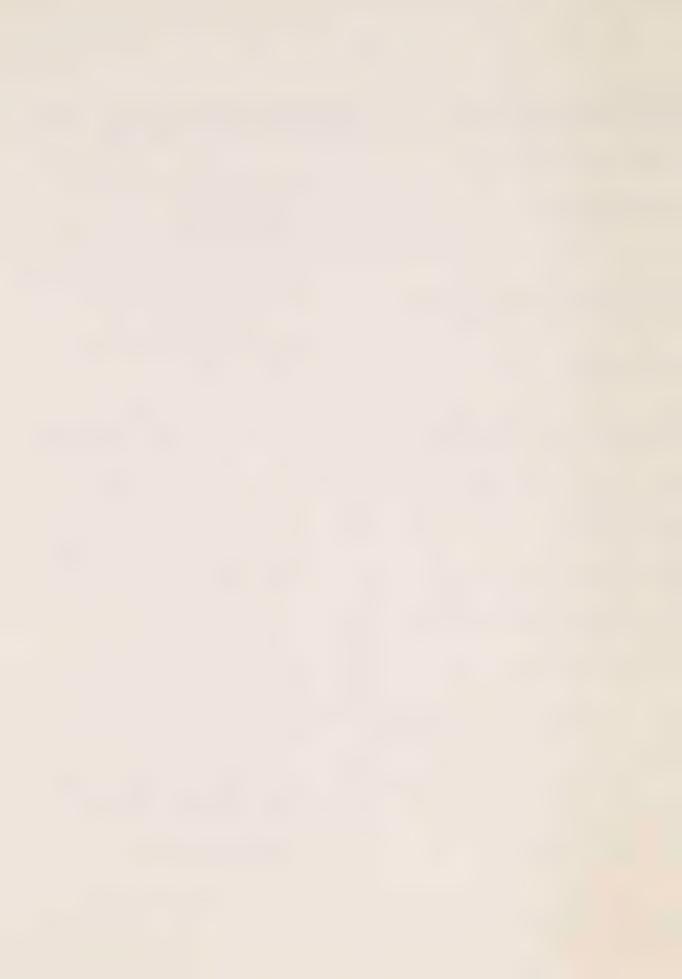


Primary Classification System	1982 Primary Classification System
usehold operation( <sup>1</sup> ) Water, fuel and electricity( <sup>3</sup> )	
	Household operation( $^2$ )
es: (2) is significantly different from (constructed historically. (3) is grouped	1) by the exclusion of (3). (2) is therefore under <u>Shelter</u> (1982).
Communications( <sup>1</sup> )  Basic charge for telephones  Long-distance calls	Communications( <sup>2</sup> ) Telephone services( <sup>3</sup> ) Basic charge for telephones Long-distance toll charges
Postage	Postal services (except parcels)
tes: (2) is considered linkable to (1). (ailable as a special aggregate.	3) did not exist in the 1978 PCS but was
Child care(1)	Child care(2)
	Day-care centres and day nurseries(3
Babysitting in the home	Baby-sitting and other child care in the home
tes: (2) is considered linkable to (1). (bugh to allow linking.	3) is new but its impact on (2) is small
Domestic services(1)	Domestic and other custodial services(2)
Domestic help( <sup>3</sup> )	30171663( )
es: (2) is linked to (1). (3) does not a (2).	appear in the 1982 PCS but its effect is merge
Pet care( <sup>1</sup> ) Pet food( <sup>3</sup> )	Pet expenses(2) Canned dog and cat food(4)
	Other dog and cat food(5)
mes: (2) is linkable to (1). (3) is discongregate. (4) and (5) are new item indexes	ontinued but will be available as a special previously grouped under (3).



	1982 Primary Classification System
ousehold cleaning supplies(1)  Laundry detergent Liquid detergent	Detergent and soap (except personal care) ( <sup>2</sup> ) Laundry detergent Liquid detergent Automatic dishwasher detergent(5)
Scouring powder and other cleaners Polishes and waxes	Cleaning and polishing preparations and products(3) Cleaning and scouring powders Polishes and waxes
Laundry bleach Fabric softener	Household chemical specialties(4) Bleach Fabric softener
	S but will be produced as a special aggregate.  (3) and (4) which are new and reconstructed.  Paper, plastic and foil household
Facial tissue( <sup>3</sup> ) Toilet paper( <sup>5</sup> ) Stationery	supplies(2) Facial tissue and toilet paper(4)  Stationers' and office-type paper supplies (except school supplies)
Paper towels	Paper towels
Paper towels Other paper supplies  Foil wrap and other foil products Plastic garbage bags	Faper towels Waxed paper and other paper supplies Foil supplies Plastic garbage bags
Other paper supplies  Foil wrap and other foil products	Waxed paper and other paper supplies Foil supplies
Other paper supplies  Foil wrap and other foil products Plastic garbage bags  Other plastic supplies	Waxed paper and other paper supplies  Foil supplies Plastic garbage bags  Plastic wrap and other plastic
Other paper supplies  Foil wrap and other foil products Plastic garbage bags  Other plastic supplies  es: (2) is linked to (1). (4) combines	Waxed paper and other paper supplies  Foil supplies Plastic garbage bags  Plastic wrap and other plastic supplies
Other paper supplies  Foil wrap and other foil products Plastic garbage bags  Other plastic supplies  tes: (2) is linked to (1). (4) combines  lowers and garden supplies (excluding	Foil supplies  Foil supplies  Plastic garbage bags  Plastic wrap and other plastic supplies  (3) and (5) both of which are discontinued.

ces: (2) is linkable to (1) since the definition of (1) has remained relatively changed.



Primary Classification System	1982 Primary Classification System
Other household supplies(1)	Other household supplies(2)
Dry-cell batteries	Dry-cell batteries
Light bulbs and fluorescent tubes	Electric light bulbs and tubes
es: The group indexes are considered simil	lar in definition hence (2) and (1) are
usehold furnishings, equipment and related services(1)	Household furnishings, equipment and related services(2)
· ·	Household furnishings( <sup>3</sup> )
urniture(4)  Chesterfields (including matching chairs) Convertible sofas  Wooden bedroom furniture Wooden dining-room •furniture Wooden living-room furniture	Furniture( <sup>5</sup> ) Upholstered furniture( <sup>6</sup> ) Chesterfields (including matching chairs) Convertible sofas Wooden furniture( <sup>7</sup> ) Bedroom furniture Dining-room furniture Living-room furniture Wall units and other indoor wooden furniture( <sup>9</sup> )
Mattresses and box springs	Springs, mattresses, bases and frames

mes: (2) is similar to (1) and therefore linkable. For the same reason (5) and (4) are inkable. (3), (6) and (7) are newly constructed aggregates in the 1982 PCS. (8) does not bear in the 1982 PCS. (9) is a new item index.

rea rugs and mats(1)

Room-size and area rugs and mats(2)

mes: (2) is matched to (1) but its position is shifted to after Household textiles in 1982 PCS.



· Primary Classification System	1982 Primary Classification System
jor household appliances( <sup>1</sup> )	Household equipment $(2)$ Household appliances $(3)$
Refrigerators	Air conditioning and refrigeration equipment(4) Refrigerators and refrigerator- freezer combinations
Cooking stoves and ranges	Cooking equipment for food(5)  Electric appliances for cooking and warming food(13)  Electric cooking stoves and
	ranges Microwave, convection, and microwave-convection ovens(6) Electric kettles and other electric appliances for cooking and warming food(7)
	Other electric appliances for food preparation(8) Electric food processors, mixers and blenders(9)
Automatic washers Electric clothes dryers	Laundry equipment( <sup>10</sup> ) Electric washing machines Electric clothes dryers
Vacuum cleaners  Dishwashers Sewing machines(12)	Other electric equipment and appliances(11) Electric vacuum cleaners (including attachments) and rug-cleaning equipment Electric dishwashers

tes: (1) does not appear in the 1982 PCS but will be available as a special aggregate. (1) and (3) are new aggregates and are reconstructed historically. (4), (5), (8), (10) and (11) are new aggregates comprising (3). (7) and (8) are new sub-aggregates and were art of Small electric appliances (1978). (12) is discontinued. (13) is a newly enstructed aggregate as well.



1982 Primary Classification System

- Primary Classification System

iscontinued.

Timary Classificación System	1702 Filmary Classification System
Small electric appliances(1) Small electric cooking and food-warming appliances(2)  Small electric appliances for food preparation(3)	
otes: (1) does not appear in the 1982 PCS. quipment for food (1982).	(2) and (3) are located under <u>Cooking</u>
Non-electric kitchen equipment(1)	Kitchen utensils( <sup>2</sup> )
Metal non-electric kitchen equipment(4) Glass and ceramic non-electric kitchen equipment(5)	Cooking utensils( <sup>3</sup> )
ableware and decorative ware(6)	Tableware and flatware( <sup>7</sup> )
Stainless steel and other metal flatware and serving pieces	Stainless steel and other metal tableware and flatware
Bone china, earthenware and porcelain dinnerware	China, porcelain and other ceramic tableware
btes: (2) is deemed linkable to (1) despite ce discontinued. (3) is new. (7) is linkab	
Household textiles and related plastics(1)	Household textiles(2)
Sheets and pillowcases Blankets, bedspreads, pillows, etc.	Bedding( <sup>3</sup> ) Sheets and pillow-cases Bedspreads and other bedding
Ready-made draperies and curtains(4)	Window coverings( <sup>5</sup> ) Curtains( <sup>6</sup> ) Draperies( <sup>7</sup> )
Towels, washcloths, dishcloths, etc.	Towels, washcloths, bath-mats and related articles
Yard goods for slip-covers, draperies and curtains(8)	
btes: (2) is similar by definition to (1) and ofter Furniture in the 1982 PCS. (3) is a not shown down into (6) and (7) which, like discontinued.	nd therefore linkable to (1). (2) is located ew aggregate reconstructed historically. (4) (5), are new item indexes. (8) is



- Primary Classification System	1982 Primary Classification System
Household and outdoor tools and equipment(1)  Power tools  Other household tools	Hand tools (except lawn and garden) ( <sup>2</sup> ) Power-driven hand tools (except lawn and garden) Hammers and other hand tools (except lawn and garden)  Lawn, garden and snow-removal tools and equipment( <sup>3</sup> )
Power lawn-mowers	Power lawn-mowers
Other household tools and equipment(4)	
otes: (1) does not appear as an aggregate in nd (3) which are new. (4) is discontinued.	the 1982 PCS. Its breakdown appears as (2)
Other household furnishings and equipment( <sup>1</sup> ) Refuse containers, pails and tubs( <sup>2</sup> )	
otes: (1) and its priced component (2) are r	not available in the 1982 PCS.
Household services and repairs(1)	Services related to household furnishings and equipment( <sup>2</sup> )
Repair and maintenance of furnishings and equipment	Maintenance and repair( <sup>3</sup> )  Household equipment (except home- entertainment equipment)

htes: (2) is linkable to (1) by similarity of definition. (3) is a new aggregate.



Primary Classification System 1982 Primary Classification System hina(1) Clothing(2) tes: There is no significant difference in the definition, structure and ordering of (2) mpared to (1). As a result (2) is linked to (1). men's wear (1) Women's wear(2) Women's coats and jackets(3)Coats and jackets (4) Fur coats, jackets, stoles and hats Fur coats and jackets Winter-weight coats and jackets Winter coats (except leather, fur and skiwear) Raincoats (including all-weather coats) Blazers and other light-weight coats and jackets (5) tes: (2) and (4) are linkable to their counterparts (1) and (3). (5) is new. Women's suits and dresses(1) Suits and dresses(2) Suits (including pant suits) (3)Dresses Dresses tes: (2) is linked to (1) despite the change in definition. (3) is discontinued. Sportswear (2) Women's sportswear(1) Pants and shorts (except jeans) Slacks Skirts Blouses and shirts Blouses, shirts and T-shirts Sweaters Sweaters "Active sportswear"(4) Women's "active sportswear"(3) Swimwear Beachwear tes: (2) coincides by definition to (1) and (4) coincides with (3). The two group dexes are therefore linkable to their 1978 counterparts. Women's hosiery, lingerie, foundation Foundation garments, lingerie, hosiery and sleepwear(2) garments and intimate apparel(1) Hosiery Lingerie(4) Slips(3) Panties (5) Foundation garments Foundation garments Sleepwear Sleepwear Loungewear, robes and dressing gowns Loungewear Ites: (2) is linkable to (1) as a result of similar definitions. (4) is a new index

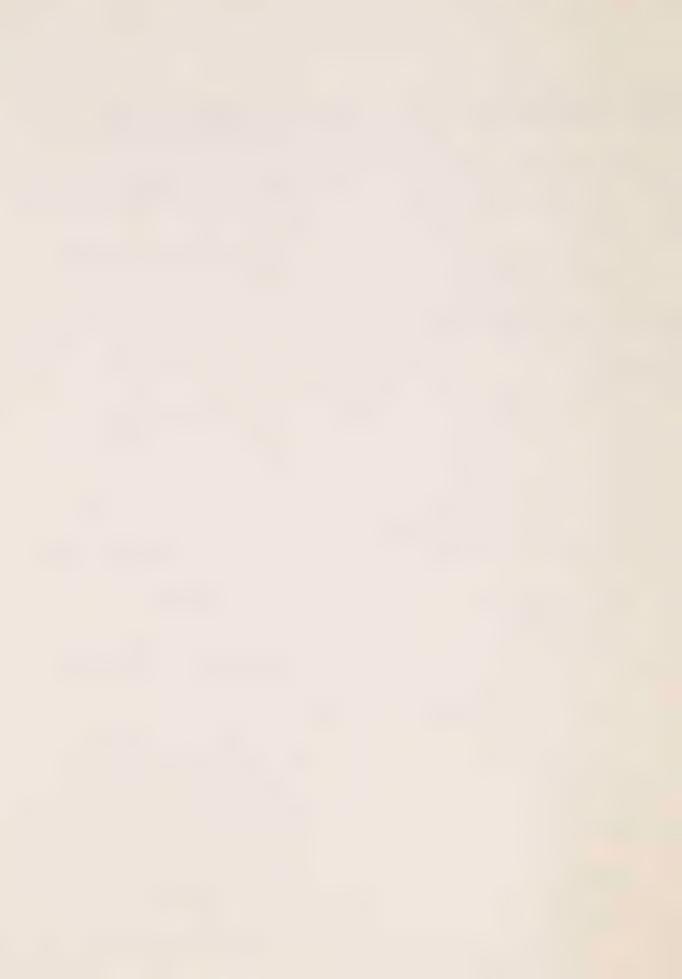
embining (3) and (5) which are discontinued.



Primary Classification System	1982 Primary Classification System
Women's clothing accessories(1) Gloves and mitts Handbags, wallets, etc.	Other apparel and accessories(2) Gloves and mitts Belts, handbags and wallets
tes: (2) is deemed linkable to (1) by simil	larity in definition.
Vomen's jewellery( <sup>1</sup> ) Watches Other jewellery	Jewellery( <sup>2</sup> ) Watches Precious jewellery
ces: (1) and (2) are alike in definition ar	nd therefore linkable.
Vomen's footwear( <sup>1</sup> ) Shoes and sandals Winter footwear( <sup>3</sup> )	Footwear( <sup>2</sup> ) Shoes and fashion boots
ces: (2) is linked to (1). (3) does not ap	opear in the 1982 PCS.
cls' wear( <sup>1</sup> ) Vinter coats( <sup>4</sup> )	Girls' wear( <sup>2</sup> ) Outerwear( <sup>3</sup> )
Ski suits and jackets( <sup>5</sup> ) Sweaters Socks, leotards and other hosiery( <sup>6</sup> )	Blouses, T-shirts and sweaters
	Underwear, sleepwear, loungewear and hosiery(9)
Shoes and sandals	Footwear
$\mathrm{placks}(^7)$ $\mathrm{puits}$ and $\mathrm{dresses}(^8)$	
ces: (2) is linkable to (1) since they are the of which are discontinued. (6), (7) and gregate.	e similarly defined. (3) combines (4) and (5) d (8) are also discontinued. (9) is a new
n's wear(1)	Men's wear(2)
1en's coats and jackets( <sup>3</sup> ) Leather coats and jackets( <sup>5</sup> )	Coats and jackets( <sup>4</sup> )
Winter coats	Winter-weight coats and jackets
Raincoats (including all-weather coats) Light-weight jackets	(except leather, fur and skiwear) Raincoats Golf jackets and other light-weight coats and jackets
mes: There is no significant shift in defining the state of the state	nition between (2) and (1) hence they are



Primary Classification System	1982 Primary Classification System
en's suits and sport jackets( <sup>1</sup> ) Suits Sport jackets and blazers	Suits and sport jackets( <sup>2</sup> ) Suits Sport jackets and blazers
en's pants( <sup>3</sup> ) Dress and casual pants	Pants(4) Slacks and other pants (including shorts)
Jeans (including work pants)	Jeans
es: (2) and (4) are linkable to (1) and ordered to match the order found in (3).	(3) respectively. The components of (4) are
en's furnishings( <sup>1</sup> ) Dress shirts	Furnishings( <sup>2</sup> ) Dress shirts
Sport, work and T-shirts Sweaters	Sport shirts  Knitted sport shirts( <sup>3</sup> )  Sweaters
Socks	Socks
Underwear	Underwear
Pyjamas, bathrobes and dressing gowns(4	
	od thus linkable. (3) is a new item. (4) is
en's "active sportswear"(1)	"Active sportswear"(2)
Ski suits and jackets	Skiwear
Swimwear	Bathing suits and other "active sportswear"
es: (2) matches (1) by definition and th	nus linkable.
den's clothing accessories(1)	Other apparel and accessories(2)
Gloves and mitts(3) Belts and wallets	Belts and wallets
den's jewellery( <sup>4</sup> ) Watches	Jewellery( <sup>5</sup> ) Watches
den's footwear(6)	Footwear(7)
Shoes and sandals	Shoes and dress boots Athletic shoes



	1982 Primary Classification System
ys' wear( <sup>1</sup> ) Light-weight jackets( <sup>3</sup> ) Ski suits and jackets( <sup>5</sup> )	Boys' wear( <sup>2</sup> ) Outerwear( <sup>4</sup> )
Pants(6) Jeans(8)	Pants (including shorts) ( <sup>7</sup> )
Shirts and T-shirts	Shirts, T-shirts and sweaters
Shoes and sandals(9) Athletic footwear( <sup>11</sup> )	Footwear( <sup>10</sup> )
es: (2) is linkable to (1) by definitional prising (3) and (5). Similarily (7) is ne combining (9) and (11).	similarity. (4) is a new aggregate ew and made up of (6) and (8). (10) is also
nfants' wear(1)	Infants' wear( <sup>2</sup> )
Nightwear	Sleepwear
es: Since (2) is like (1) in definition it	becomes linkable.
othing materials and related services(1)	Clothing material, notions and services(2)
Piece-goods and notions(3)	Clothing material(4)
Dress fabric( <sup>5</sup> )	Sewing thread and other clothing material( <sup>14</sup> )
Broadcloth, cotton and cotton blends(6)	
Crepe, fur pile, corduroy, velveteen, etc.	Dress material
Yarn for knitting Notions	Yarn (except craft) Notions( <sup>7</sup> )
Clothing services( <sup>8</sup> )	Clothing services( <sup>9</sup> )  Maintenance and repair of  clothing( <sup>10</sup> )  Maintenance and repair of  apparel( <sup>11</sup> )
Laundry sent out(13)	apparel('')
Cleaning sent out	Dry-cleaning
Coin-operated cleaning	Self-service laundry and dry- cleaning
	Maintenance and repair of footwear(12)
Shoeshines and repairs	

scontinued.



Primary Classification System	1982 Primary Classification System
portation( <sup>1</sup> )	Transportation( <sup>2</sup> )
is linkable to (1). The index is sub-divate transportation and Public transportat	nent indexes remains unchanged and therefore vided into two other sub-groupings viz: <u>tion</u> . In comparing the ordering under these significant changes in <u>Private transportation</u>
rivate transportation(1)	Private transportation(2)
Automobile and truck purchase( <sup>3</sup> ) Automobile purchase	Purchase of automotive vehicles( <sup>4</sup> ) Automobiles
Rented or leased vehicles	Rental and leasing of automotive vehicles( <sup>5</sup> )
Automobile and truck operation(6) Gasoline	Operation of automotive vehicles( <sup>7</sup> )  Gasoline (including diesel  fuel) ( <sup>8</sup> )
Tires Automobile batteries	Tires Batteries
Oil and oil changes Other maintenance/repairs(15)	Maintenance and repair jobs not covered by insurance( <sup>9</sup> ) Oil changes Tune-ups( <sup>10</sup> ) Shock absorber replacement and other mechanical and electrical maintenance and repair( <sup>16</sup> )
Body maintenance/repairs (including painting)	Body maintenance and repair
Repair parts and supplies purchased separately	Automobile fenders and other automotive maintenance and repair supplies and parts purchased separately
Vehicle insurance premiums	Private and public insurance premiums
Vehicle registration fees and drivers licences (11)	Registration fees(12) Drivers' licences(13)
Parking	Parking( <sup>14</sup> ) · Parking (other than associated with dwelling)
Driving lessons and other fees	Driving lessons

tes: The established order under (1) has been unavoidably disturbed. (2) is like (1) in finition and therefore linkable. For the same reason (4) is linkable to (3) and (7) to (8) now includes diesel fuel. (5) is moved closer to (4) for conceptual reasons - hicles may be owned or rented. (9) is a new 1982 aggregate. The breakout of (11) into 2) and (13) was dictated by analytical usefulness. (14) is a new aggregate. (15) is oken out into (10) and (16) which are both new.



Primary Classification System	1982 Primary Classification System
Other vehicle purchase( <sup>1</sup> ) Motorcycles( <sup>2</sup> )	
Other vehicle operation( <sup>3</sup> )	
Gasoline for other vehicles(4)	
te: (1) and its component (2) as well as ( rchase and operation of recreational vehic mponent index - Recreation, reading and edu	les and outboard motors (1982) under the major
blic transportation( <sup>1</sup> )	Public transportation(2)
Local and commuter transportation services( <sup>3</sup> )	Local and commuter transportation(4)
Local and commuter transit Taxi	Street car, city bus and subway Local taxi
<pre>Inter-city transportation services(5)</pre>	Inter-city transportation(6)
Rail Bus Air Ferries, etc.	Rail Highway bus Air Ferry and other inter-city transportation

tes: (2) and (1) are similar by definition and thus linkable. (4) is linkable to (3) od (6) to (5) for the same reason.



Primary Classification System	1982 Primary Classification System
th and personal care(1)	Health and personal care $(2)$
alth care $(3)$	Health care(4)
Eyeglasses and contact lenses( <sup>6</sup> )	Eye care( <sup>5</sup> ) Prescription lenses( <sup>7</sup> ) Contact lenses( <sup>8</sup> ) Eyeglass frames and mountings( <sup>9</sup> )
Dental care(11)	Dental care( <sup>10</sup> )
Dental work (excluding dentures)	Dental procedures (other than ortho- dontic, periodontic and dentures)
Dentures and denture repairs	Prescription and fitting of dentures
44.7	Medicinal and pharmaceutical products(12)
Prescribed medicines( <sup>13</sup> ) Non-prescribed medicines( <sup>14</sup> )	
Medical supplies and appliances	Medical supplies
) and (10) to (11) for the same reason. (constructed historically. The contents of	nd is therefore linkable. (4) is linkable to 5) and (12) are new (1982) groups and are (6) are broken out into (7), (8) and (9) for (14) which do not appear in the 1982 PCS but
rsonal care(1)	Personal care(2)
Personal care services( <sup>3</sup> )	Services(4) Hair washing, cutting and styling(5)
Men's hairstyling and barber-shop services( <sup>6</sup> ) Women's hairdressing services( <sup>7</sup> )	Hall washing, cutting and styling( )
tes: (2) is linkable to (1) by similarity me reason. (5) is an aggregation of (6) a der Personal care (1982).	in definition. (4) is linked to (3) for the nd (7). (4) occurs as the last group index
Personal care supplies and equipment(1)	Personal care supplies and equipment(2)
Creams and lotions Make-up preparations Fragrance preparations Shampoos	Toilet preparations and cosmetics( <sup>3</sup> ) Creams and lotions Lip preparations Perfumes, toilet water and colognes Shampoo



Primary Classification System	1982 Primary Classification System
Hair sprays( <sup>4</sup> ) Home permanents and colourants( <sup>5</sup> ) Personal deodorants Shaving preparations	Personal deodorants Shaving cream and soap
Oral-hygiene products	Oral hygiene products( <sup>6</sup> ) Tooth-paste
Tooth-brushes (excluding electric) ( <sup>7</sup> ) Toilet soap	Toilet and other personal soap (except shaving soap)
Razors (excluding electric) and razor blades	Razors (except electric) and razor blades
Disposable diapers	Disposable diapers
Sanitary supplies	Other supplies and equipment
Personal care appliances(8) Electric hair-styling equipment	Electric hair-styling equipment
	4 - 4 - 4 - 5

tes: There is a minor change in definition between (2) and (1) as (2) has absorbed (8) one of its components. The difference is considered minute thus making (2) linkable to ). The order of both (1) and (2) are disturbed to establish correspondence between eir components. (4), (5) and (7) are discontinued. (3) is a new aggregate.



Primary Classification System 1982 Primary Classification System eation, reading and education (1)Recreation, reading and education(2) creation(3) Recreation (4) Home-entertainment equipment and Home-entertainment equipment(6) services(5) Radio combinations(/) Audio equipment Electronic-equipment components Television sets Television sets Colour television sets Phonograph records and tapes (including Records and audio magnetic tapes cassettes) Video-tape and disc recorders/players and accessories(8) Parts and repairs for home-entertainment Maintenance and repair of equipment home-entertainment equipment Cultural and recreation services (9) Spectator-entertainment performances (10) Admission to entertainment (11)Admission to movies Movies Staged performances Admission to plays, concerts, etc. Sports events(12) Admission to spectator sports and Football other events Hockey Baseball Rental of cablevision(13) Cablevision tes: (2) is deemed linkable to (1) despite some minor shifts in definition. The change

tes: (2) is deemed linkable to (1) despite some minor shifts in definition. The change fects (4) which does not agree strictly with (3) in definition. In (3) the component titled <a href="Iravel/holiday lodgings">Iravel/holiday lodgings</a> in hotels and motels is placed under <a href="Shelter">Shelter</a> (1982). The pact of the shift is not considered significant hence (4) is linkable to (3). (6) and 1) are discontinued. (5), (9) and (10) are new sub-aggregates that are reconstructed storically. (7) and (8) are new commodity indexes. The breakdown under (12) is no idered analytically useful. (13) was under (6) in the 1978 PCS. The presentation der (4) is ordered to coincide as far as possible to the order published under (3). The der under (3) is sometimes upset as well to ensure easy comparability.

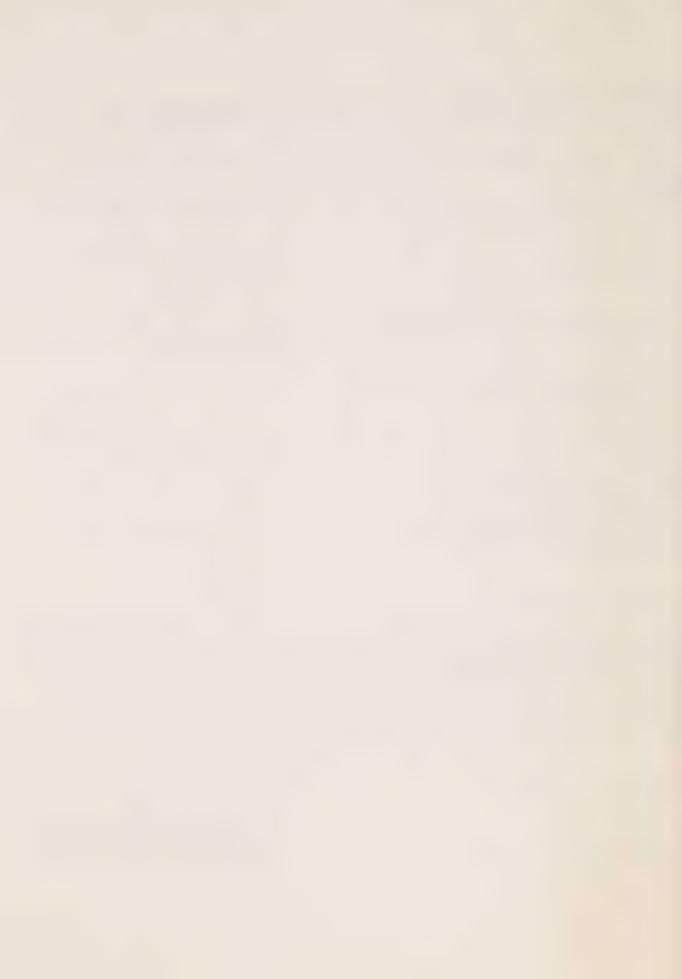
Home-recreation equipment(1)

Toys and play equipment

Games, cards and puzzles

Recreation equipment and services(2)Toys

Toy vehicles and construction,
mechanical and electric toys
Games and other recreation equipment
Board games and other recreation
equipment



Primary Classification System 1982 Primary Classification System Photographic goods and services Photographic equipment Cameras 35-mm cameras (13) Disc cameras and other cameras(14) Film and processing Film processing (including film) Outdoor-recreation equipment(3) Sporting and athletic equipment (including specialized sports footwear) (4) Cross-country skiing equipment (15) Ski equipment Downhill skiing equipment (16) Golf equipment Golf equipment Ice hockey equipment (except Hockey equipment (including hockey skates) skates) Ice skates Racquet-sports equipment Tennis racquets and other sporting and athletic equipment Equipment for boating and other water Fishing equipment sports (including fishing) Equipment for camping and picnicking Camping and picnic equipment (except barbecues) Sleeping bags Purchase and operation of recreation vehicles and outboard motors(5) Purchase (6) Boats (including canoes) (7) Outboard motors (8) Bicycle purchase and operation(9) All other outdoor-recreation equipment (10) Recreational shelter(11) Travel trailers(12)

ttes: (1), (3) and (11) are discontinued. (2), (4) and (5) are newly defined aggregates the 1982 PCS. (6) is comprised of (7), (8), (9), (10) and (12) among other mmodities. (2) is re-arranged to conform with the 1978 PCS. Much of the commodity dexes under (1) and (3) have been further sub-divided for analytical purposes. (13) and 4) as well as (15) and (16) are new item indexes obtained as breakdowns from subgroups the 1978 PCS.

Operation of recreation vehicles

Fuel



Primary Classification System 1982 Primary Classification System Fees and dues for recreational Use of recreation, sports and health activities(2) facilities and related services (1) Membership fees and dues for clubs, leagues and recreation associations (3)Golfing Bowling Fees for single usage (4) Golfina tes: (1) and its breakdown shown as (3) and (4) are new and provide analytically useful tails previously included in (2). The aggregate (1) is deemed linkable to (2) as their finitions remain unchanged. Travel/holiday lodging in hotels and motels(1)Travel/holiday lodging in hotels(2) Travel/holiday lodging in motels(3) tes: (1) and its breakdown as (2) and (3) were removed from the Recreation index (1982) d used instead as part of the structure of the Shelter index (1982) under the major mponent Housing 1982. Travel tours(2) Package holiday trips(1)tes: (2) and (1) are considered equal by definition and are therefore made linkable. ading and education(1)Reading (2)Reading materials and other printed matter(3) Newspapers Newspapers Magazines and periodicals Magazines Books and pamphlets (except textbooks) (4) Education(5) Education(6) Tuition fees (7) Post-secondary education courses Post-secondary tuition fees Piano lessons and other lessons and Special lessons courses

tes: (1) will not be available in the 1982 PCS. Instead it will continue to available a special aggregate. (3) is linkable to (2) by similarity in definition. Likewise (6) linkable to (5). (7) is a new aggregate and is reconstructed historically. (4) is a w commodity index.



Primary Classification System	1982 Primary Classification System
cco and alcohol( <sup>1</sup> ) bacco products and smokers' supplies( <sup>3</sup> ) Cigarettes and cigarette tobacco Other tobacco products	Tobacco products and alcoholic beverages(2)  Tobacco products and smokers' supplies(4)  Cigarettes  Cigars and similar products
coholic beverages( <sup>5</sup> )	Alcoholic beverages(6)
Beer purchased from stores Liquor purchased from stores Wine purchased from stores	Alcoholic beverages purchased from stores( <sup>7</sup> ) Beer Liquor Wine and cider
Beer purchased in licensed premises Liquor purchased in licensed premises	Alcoholic drinks served in licensed premises( <sup>8</sup> ) Beer Liquor

tes: (2) is regarded as equivalent to (1) by definition and therefore linkable. (4) is nkable to (3) and (6) to (5) for the same reason. (7) and (8) are new aggregates that e considered analytically useful and are reconstructed historically.









